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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/912,818	
	Filing Date	July 24, 2001	
	First Named Inventor	Daniel Pinkel	
	Group Art Unit	1637	
	Examiner Name	J. Fredman	
Total Number of Pages in This Submission	15	Attorney Docket Number	407E-914026US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	receipt acknowledgment postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Authorization to Charge Deposit Account Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Emily M. Haliday, Reg. No. 38,903, Quine Intellectual Property Law Group, P.C.
Signature	
Date	August 23, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Amelia Weintraub		
Signature		Date	August 23, 2004

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By:

Amelia Weintraub

Atty Docket No: 407E-914026US
Client Ref: 92-005-C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Daniel J. Pinkel; Joe W. Gray; Anne
Kallioniemi; Olli-Pekka Kallioniemi; Frederic
Waldman

Application No.: 09/912,818

Filed: 7/24/2001

For: **Detection of Chromosomal
Abnormalities Associated with Breast Cancer**

Examiner: Fredman, J.

Art Unit: 1637

AMENDMENT/RESPONSE

Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

INTRODUCTORY COMMENTS

Dear Sir:

In response to the Final Office Action dated April 22, 2004 and the Advisory Action dated August 6, 2004, Applicants respectfully request reconsideration of the above-identified application in view of the following amendments and remarks. The following document(s) is/are enclosed herewith:

- 1) A petition to extend the period for response by 1 month.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.